

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
 Data File : BM047557.D
 Acq On : 18 Sep 2024 15:41
 Operator : RC/JU
 Sample : P4085-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Quant Time: Sep 18 16:33:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 08:56:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

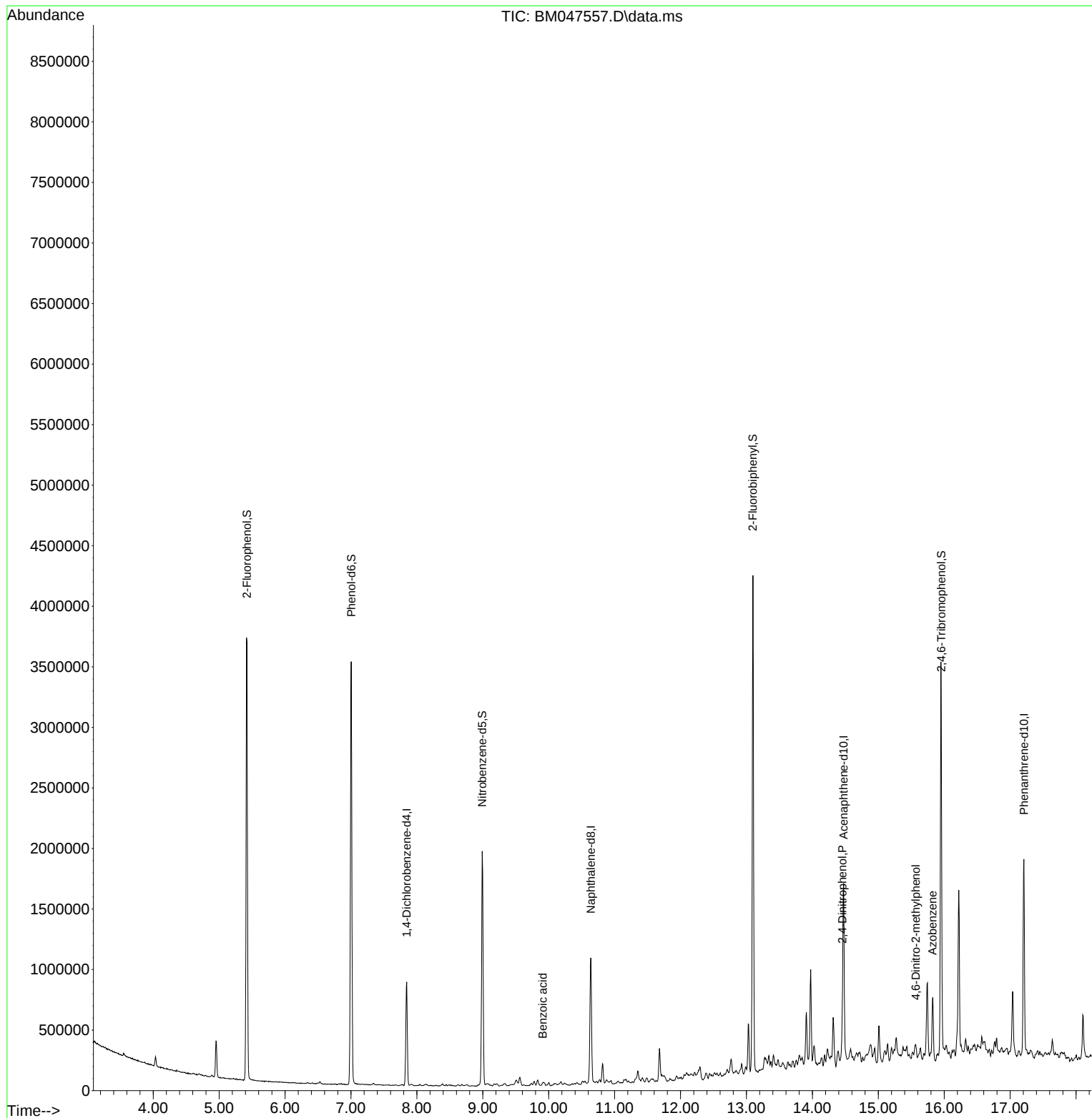
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	205182	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	787068	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	422633	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	840225	20.000	ng	0.00
76) Chrysene-d12	21.433	240	738229	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	872296	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1452414	112.708	ng	0.00
7) Phenol-d6	7.004	99	1792145	98.752	ng	0.00
23) Nitrobenzene-d5	8.992	82	1083716	68.909	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	360796	88.320	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1708103	55.674	ng	-0.01
79) Terphenyl-d14	19.821	244	2625673	63.734	ng	-0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.910	122	58	6.705	ng	# 25
54) 2,4-Dinitrophenol	14.457	184	773	2.911	ng	# 50
63) Azobenzene	15.821	77	138053	4.090	ng	# 2
65) 4,6-Dinitro-2-methylph...	15.568	198	437	7.259	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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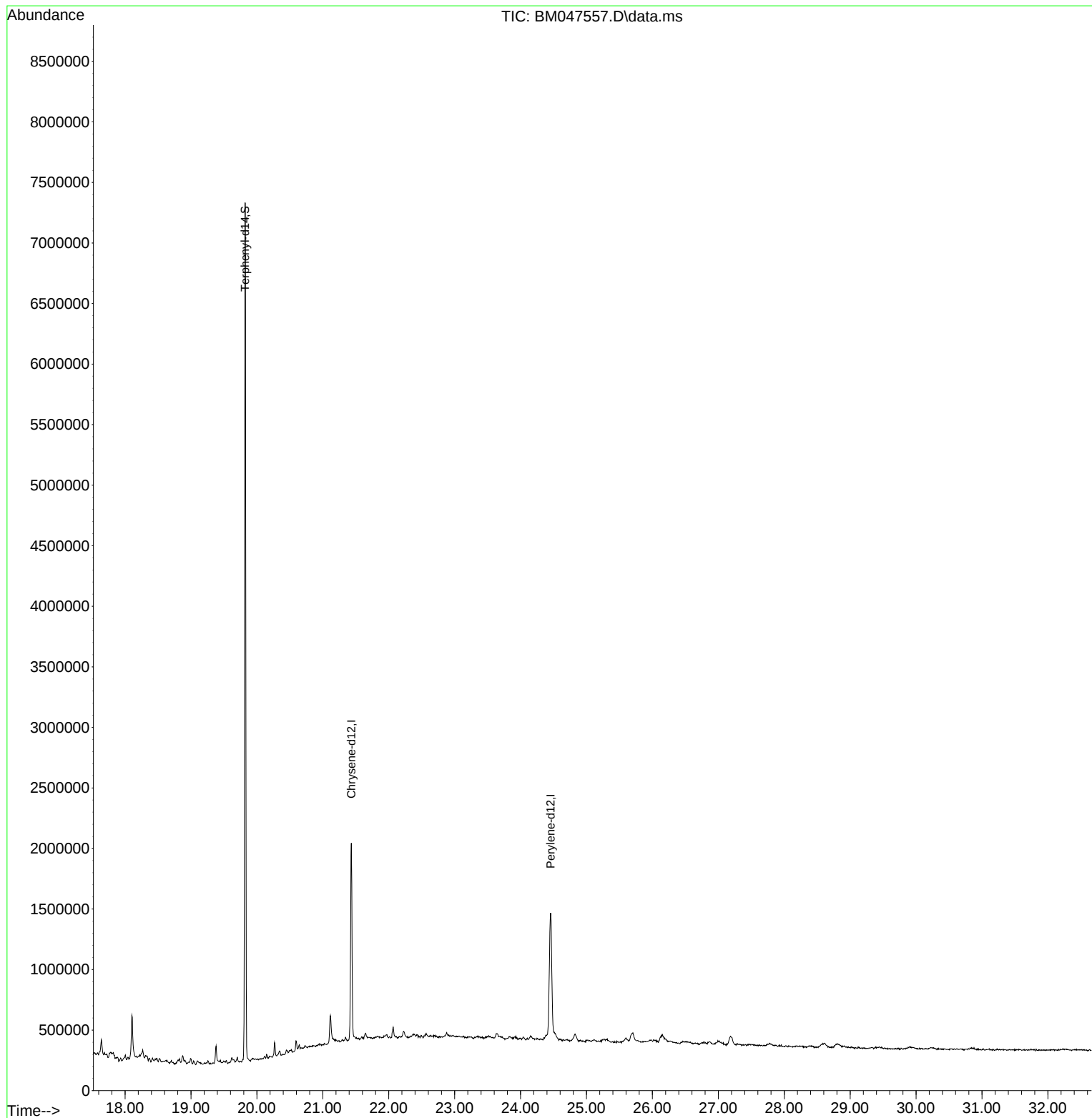
Quant Time: Sep 18 16:33:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

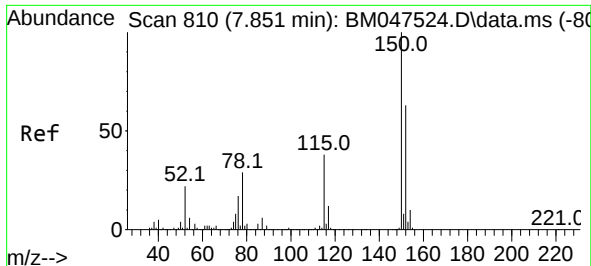


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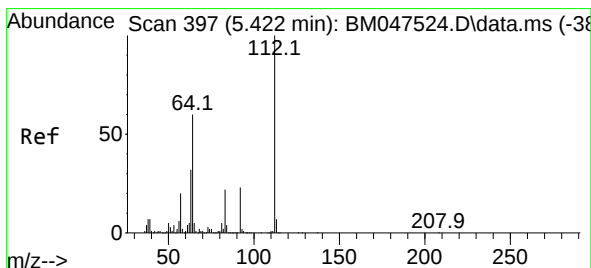
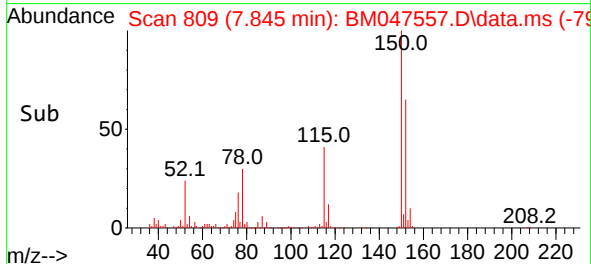
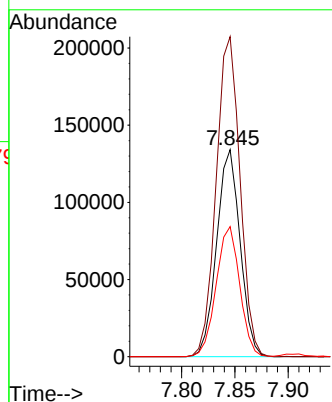
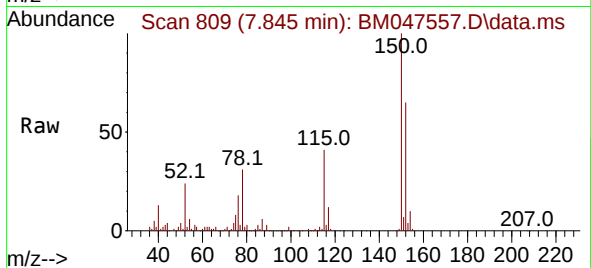




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

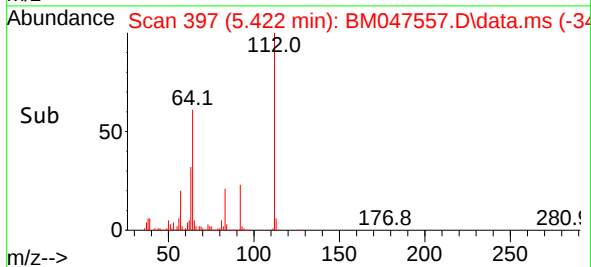
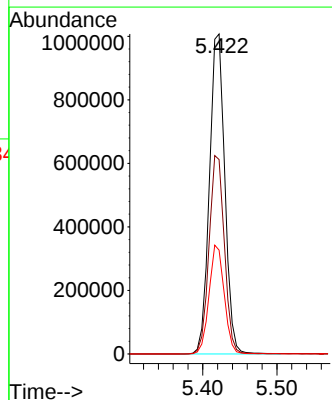
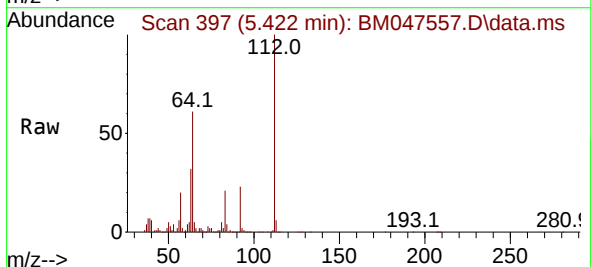
Instrument :
BNA_M
ClientSampleId :
COMP-1

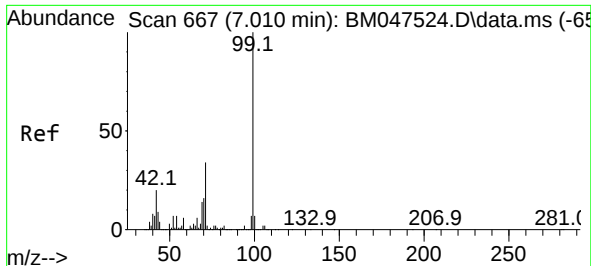
Tgt Ion:152 Resp: 205182
Ion Ratio Lower Upper
152 100
150 154.5 126.8 190.2
115 62.8 47.8 71.8



#5
2-Fluorophenol
Concen: 112.708 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

Tgt Ion:112 Resp: 1452414
Ion Ratio Lower Upper
112 100
64 60.8 48.2 72.4
63 32.4 26.0 39.0

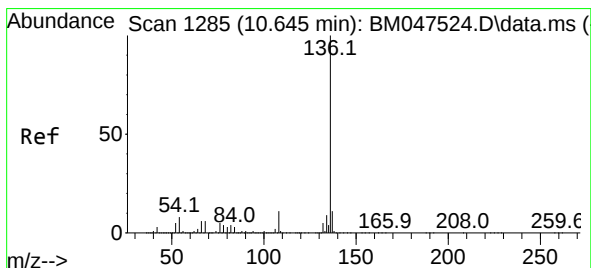
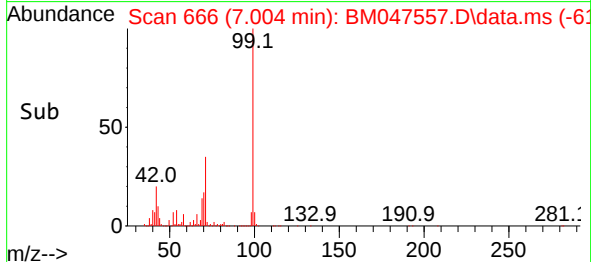
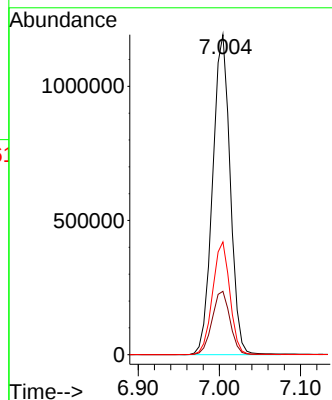
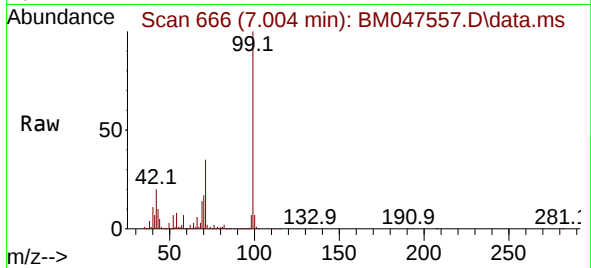




#7
Phenol-d6
Concen: 98.752 ng
RT: 7.004 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

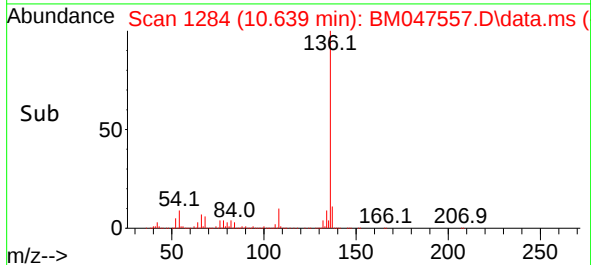
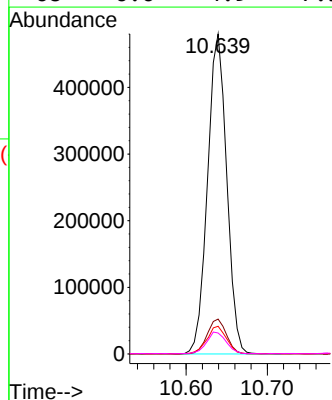
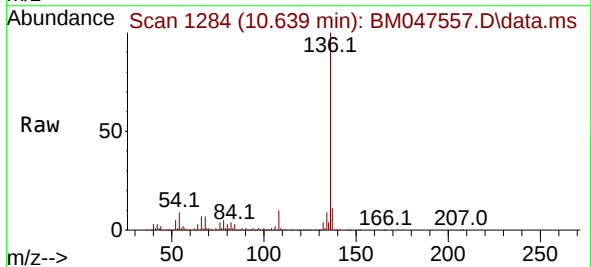
Instrument :
BNA_M
ClientSampleId :
COMP-1

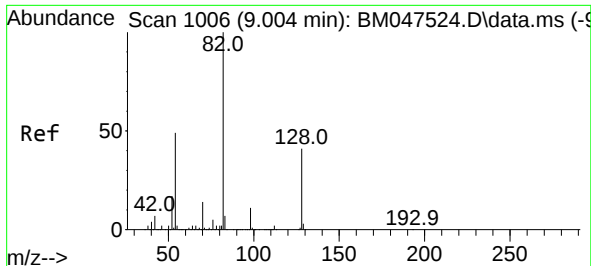
Tgt Ion: 99 Resp: 1792145
Ion Ratio Lower Upper
99 100
42 19.8 15.8 23.8
71 35.2 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

Tgt Ion: 136 Resp: 787068
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.6 6.6 9.8
68 6.6 4.9 7.3

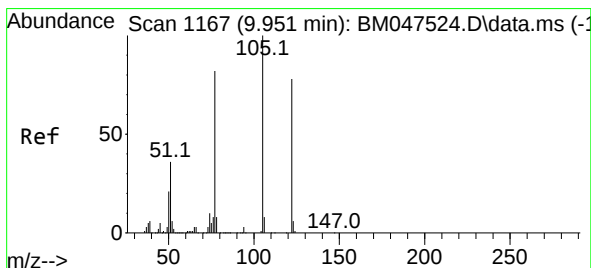
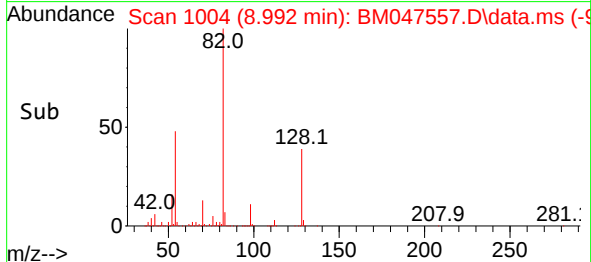
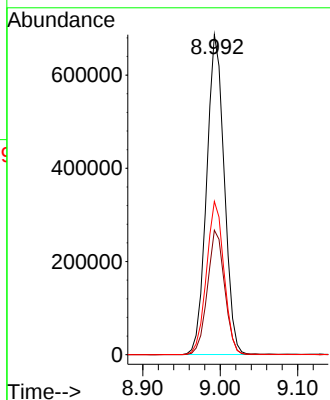
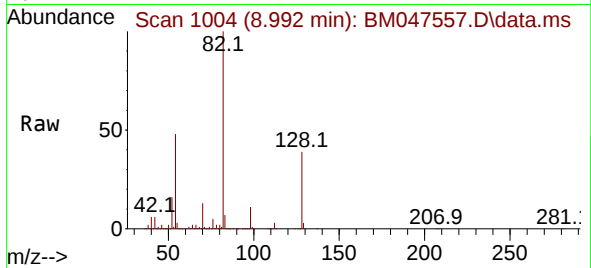




#23
Nitrobenzene-d5
Concen: 68.909 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

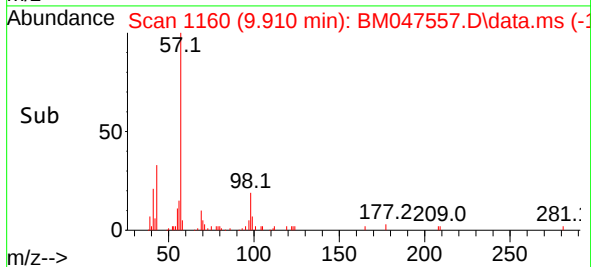
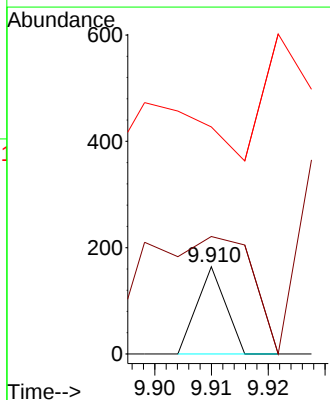
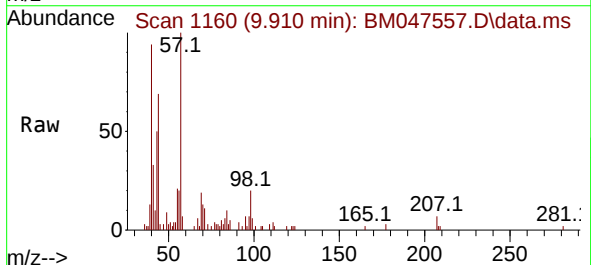
Instrument :
BNA_M
ClientSampleId :
COMP-1

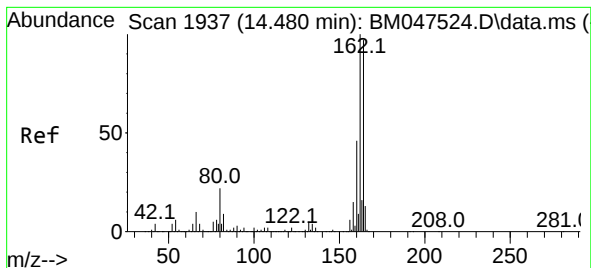
Tgt Ion: 82 Resp: 1083716
Ion Ratio Lower Upper
82 100
128 38.9 33.0 49.4
54 47.9 39.3 58.9



#32
Benzoic acid
Concen: 6.705 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.041 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 134.8 104.7 144.7
77 260.4 83.4 123.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

Instrument :

BNA_M

ClientSampleId :

COMP-1

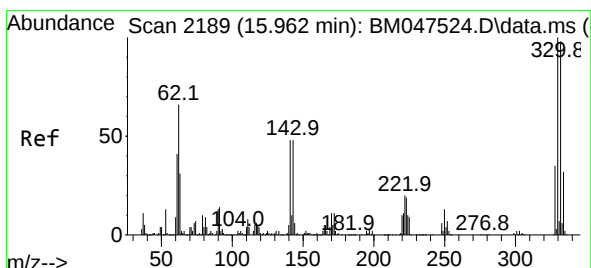
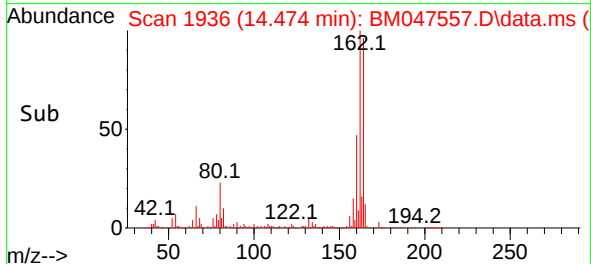
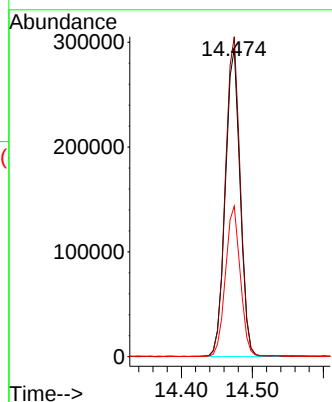
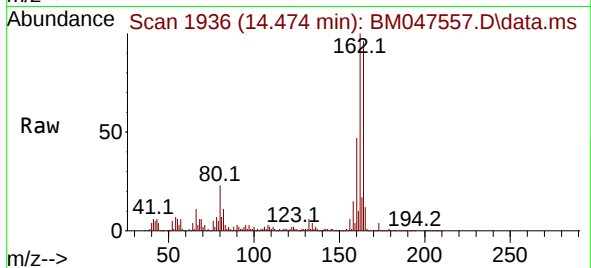
Tgt Ion:164 Resp: 422633

Ion Ratio Lower Upper

164 100

162 103.8 82.2 123.2

160 48.8 38.2 57.2



#42

2,4,6-Tribromophenol

Concen: 88.320 ng

RT: 15.957 min Scan# 2188

Delta R.T. -0.006 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

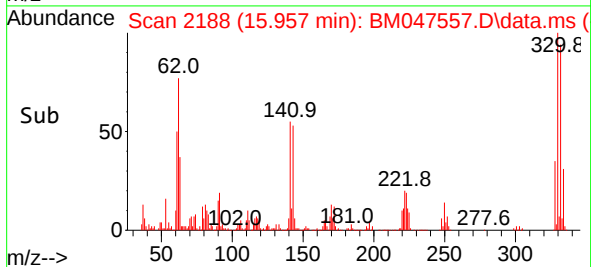
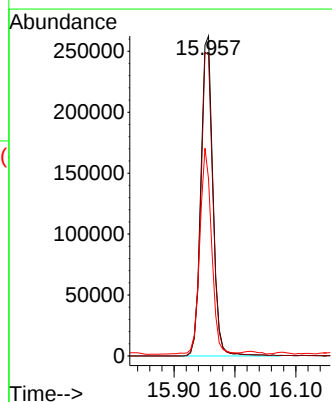
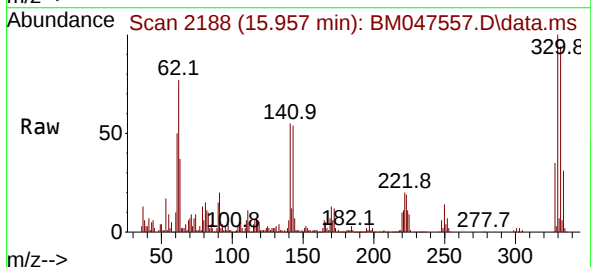
Tgt Ion:330 Resp: 360796

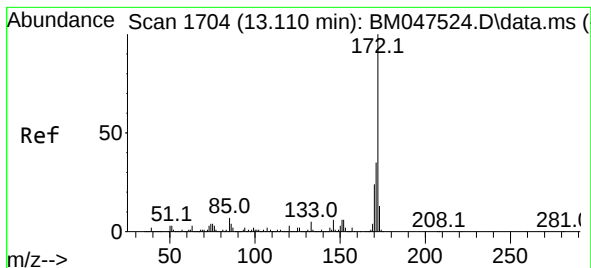
Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 63.2 42.2 63.2





#45

2-Fluorobiphenyl

Concen: 55.674 ng

RT: 13.098 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

Instrument :

BNA_M

ClientSampleId :

COMP-1

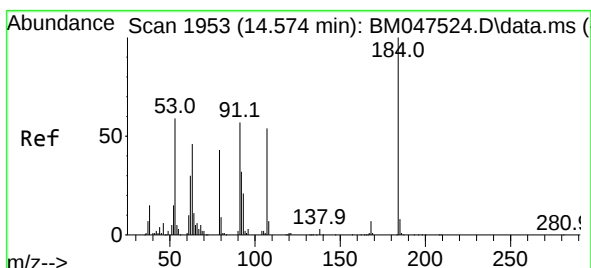
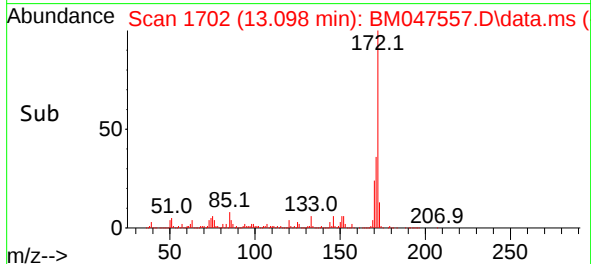
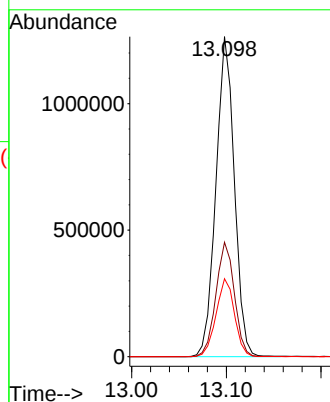
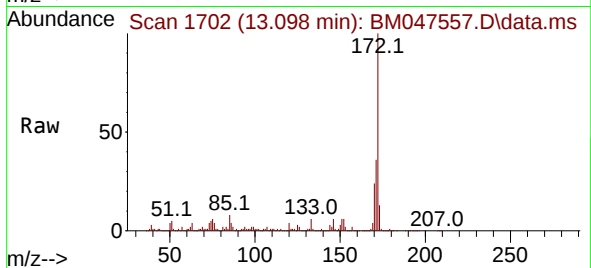
Tgt Ion:172 Resp: 1708103

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.3 19.4 29.0



#54

2,4-Dinitrophenol

Concen: 2.911 ng

RT: 14.457 min Scan# 1933

Delta R.T. -0.117 min

Lab File: BM047557.D

Acq: 18 Sep 2024 15:41

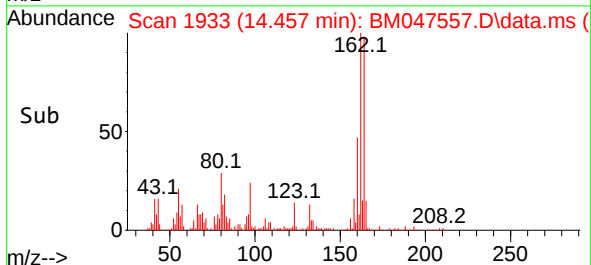
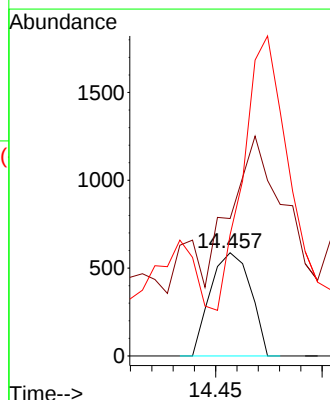
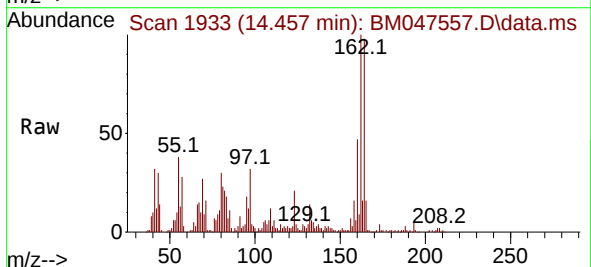
Tgt Ion:184 Resp: 773

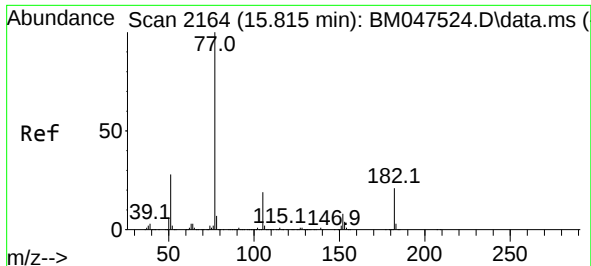
Ion Ratio Lower Upper

184 100

63 133.2 69.4 104.0#

154 117.5 60.4 90.6#

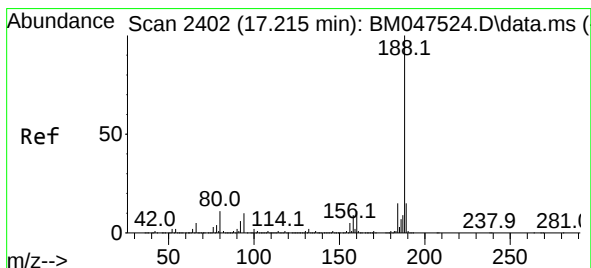
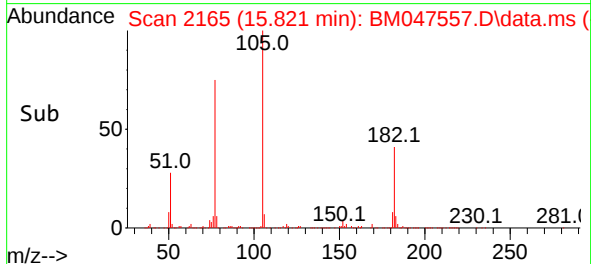
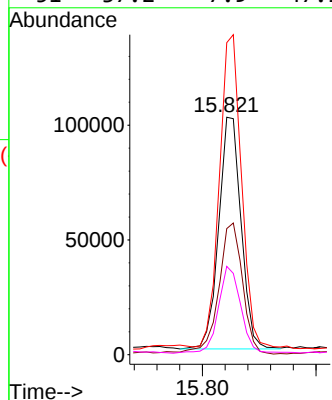
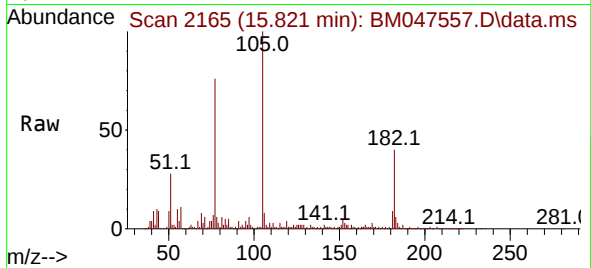




#63
Azobenzene
Concen: 4.090 ng
RT: 15.821 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

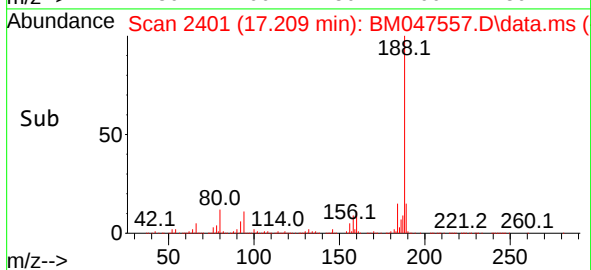
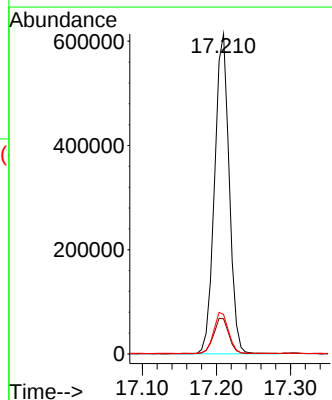
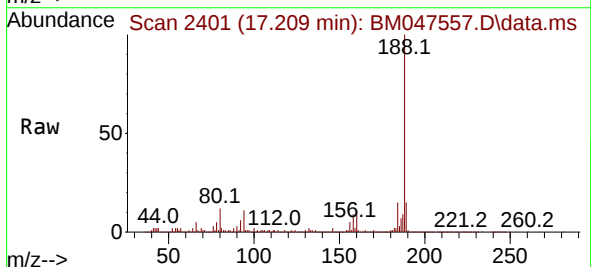
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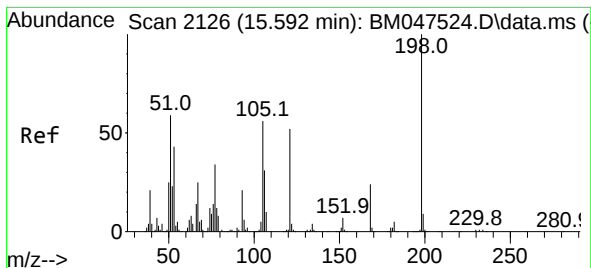
Tgt Ion: 77 Resp: 138053
Ion Ratio Lower Upper
77 100
182 53.1 1.2 41.2#
105 131.4 0.0 39.4#
51 37.2 7.9 47.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

Tgt Ion: 188 Resp: 840225
Ion Ratio Lower Upper
188 100
94 11.0 8.4 12.6
80 12.4 9.1 13.7

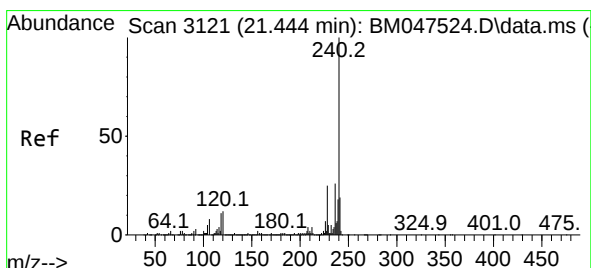
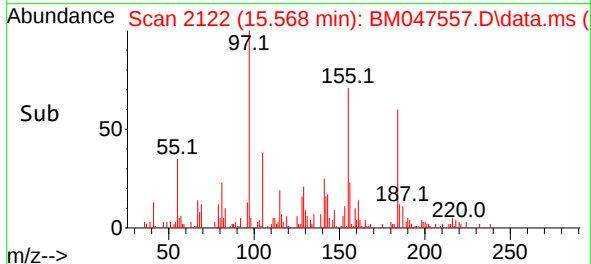
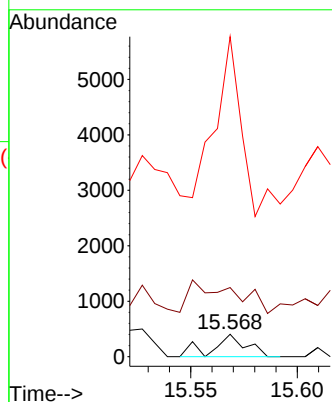
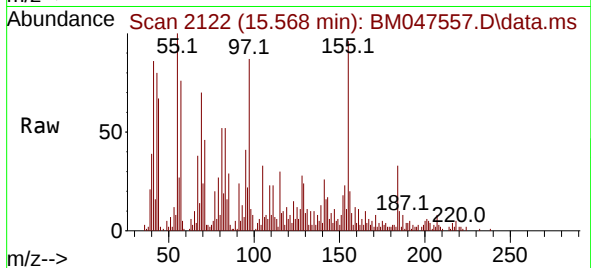




#65
4,6-Dinitro-2-methylphenol
Concen: 7.259 ng
RT: 15.568 min Scan# 2126
Delta R.T. -0.024 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

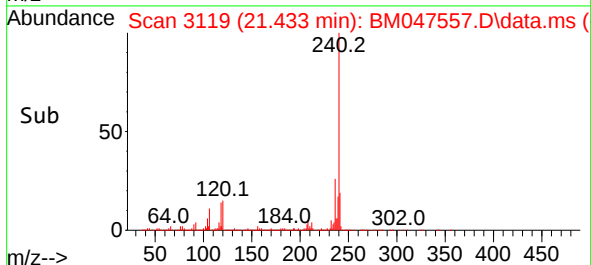
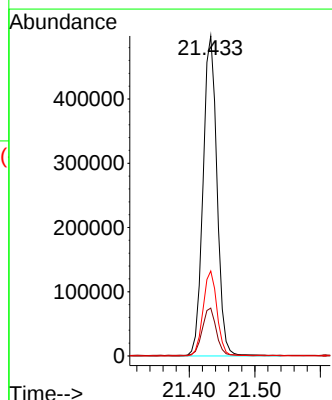
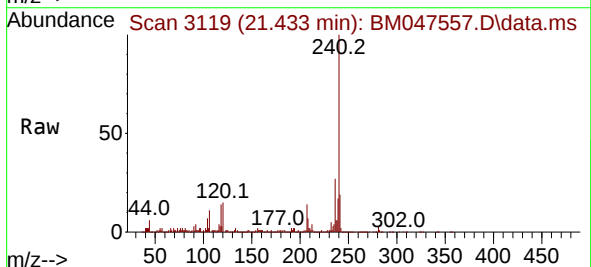
Instrument :
BNA_M
ClientSampleId :
COMP-1

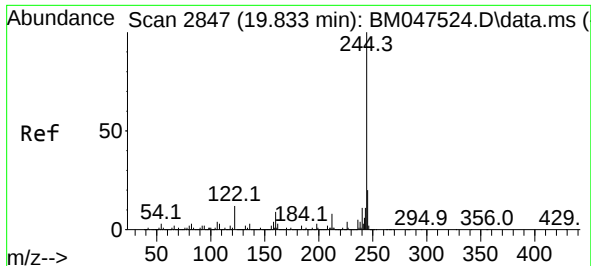
Tgt Ion:198 Resp: 437
Ion Ratio Lower Upper
198 100
51 308.7 41.5 81.5#
105 1428.5 36.4 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047557.D
Acq: 18 Sep 2024 15:41

Tgt Ion:240 Resp: 738229
Ion Ratio Lower Upper
240 100
120 14.9 9.6 14.4#
236 26.6 20.9 31.3

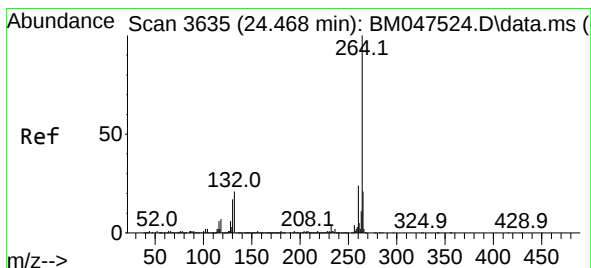
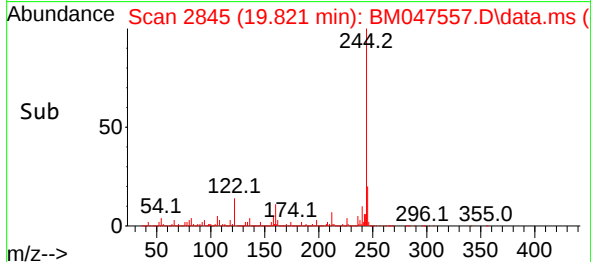
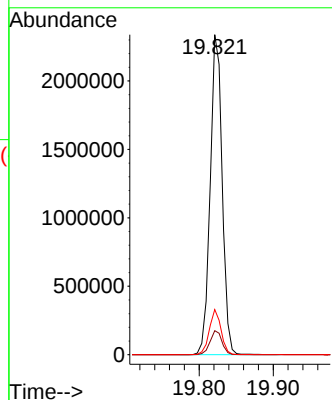
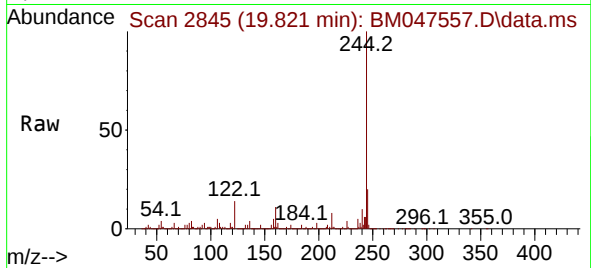




#79
 Terphenyl-d14
 Concen: 63.734 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM047557.D
 Acq: 18 Sep 2024 15:41

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 2625673
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.456 min Scan# 3633
 Delta R.T. -0.012 min
 Lab File: BM047557.D
 Acq: 18 Sep 2024 15:41

Tgt Ion:264 Resp: 872296
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.7 17.4 26.2

